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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/546,002	08/18/2005	Masaya Naoi	276756US2PCT	8654	
22850 7590 08/28/2007 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.			EXAMINER		
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ALEXANDRIA, VA 22314			ART UNIT	PAPER NUMBER	
			2839		
			NOTIFICATION DATE	DELIVERY MODE	
			08/28/2007	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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	Application No.	Applicant(s)		
	10/546,002	NAOI		
Office Action Summary	Examiner	Art Unit		
	Neil Abrams	2839		
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address		
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	J. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status				
Responsive to communication(s) filed on This action is FINAL2b)⊠ This Since this application is in condition for allowar closed in accordance with the practice under E	action is non-final. ice except for formal matters, pro			
Disposition of Claims				
4) Claim(s) is/are withdray 4a) Of the above claim(s) is/are withdray 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or Application Papers 9) The specification is objected to by the Examine is/are: a) access Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction in the open content of	vn from consideration.	rejected. Examiner. e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	nte		

DETAILED ACTION

Title, words 12-13 should be deleted. Drawings objected to, in fig such as fig 4, T1, T2 should be added.

- 1. Claims 4-5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
- 2. Claim 4, lines 1-3 are unclear and how they read on disclosed device is not understood.
- 3. Kokubo patent, note effective date 8-22-2002 as published document.
- 4. Claims 1-14 are rejected under 35 U.S.C. 102(a) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Kokubo.
- 5. Kokubo (coasigned with this application) is seen to admittedly disclose all claims 1-14 limitations, see figures 4, 11-13 except the "T2/T11 is at least 0.9" feature.
- 6. As first basis of rejection Kokubo is seen to anticipated the claims under 35 USC 102 since in figure 4, as shown in functional part 20 conductive parts at leadline 22 are adjacent to "same thickness" insulative parts at leadline 24, therefore the insulative part could be said to have a "thickness equal to that of the conductive part" hence to meet the "T2/T1/ 0.9" limitation. As applied above the insulative part is read as having two thickness, one at 23 and one at leadline 24 the latter being adequate for claim language.
- 7. Dependent claims feature also met by Kokubo. As examples for claims 6, 8, note Kokubo, fig 13, pcb 30 and insulating sheet 40. For claim 4, lines 4-7, note wafer 6 to

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be tested; wafer dimensions since not part of connector cannot be relied upon for patentability.

8. As alternative for all claims, should any feature became at issue such as claim 4, S1/S2 ratio or claim 5, coefficient, these may be deemed obvious variations of Kokubo under 35 USC 103.

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- 9. Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kokubo in view of Naoi'422.
- 10. Kokubo shows claims 1-14 recited features, see figures 4, 11-13 but for this rejection, is assumed to lack the claims 1, 2, T2/T1 ratio. Kokubo prior art figure 20 and Naoi figure 2 at 8 show connector film that include such ratio. Obvious to use that type film in Kokubo figure 13 device to simplify the film molding process. While above seems adequate for claims 1-14 should other matters become at issue they are deemed obvious variations of Kokubo, as modified above.
- 11. Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naoi'442.
- 12. For claims 1-5, Naoi figure 3 shows a connector device 30 with conductive film to be formed at holes 31, the film as shown in figure 2 meeting the T2/T1 ratio of claims 1,
- 2. Other features recited in claims 1-5 seem to be met by such connector or to be obvious variations that do not appear at issue. For claims 6-14, main or only issue in this case is seen to be the T2/T1 ratio and if this is agreed to, claims 6-14 should stand or fall with claim 1.

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13. Claims 6-14 and 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Naoi'442 in view of Nakano and Burdelaise.

14. For claim 6, Naoi, figure 9 includes probe device with frame 40 and film 42, figure

8, that appear to meet T2/T1, 0.9 limitations. In addition, figure 2 film 8 clearly meet

such limitation and is for use in figure 9 probe system. Figure 9 only uses one film.

Use of probe with plural test sheets 504 to test wafer is taught by Nakano, figure 20. It

would have been obvious to form Naoi device as such a plural test device with frame 40

having plural holes for plural films to enable larger scale testing as in Nakano. Claims

7-14 seen to relate to admittedly known features. In addition, for claim 8, obvious to use

an insulating sheet in view of Burdelaise at 96 to adapt the tester contact spacing to that

of the device or wafer tested. Claims 1-5 are includes in case issues arise as to

paragraph 11 rejection using Naoi alone. Also note for both Naoi rejections that while

use of plural films is discussed it appears that the primary inventive concept in this case

is asserted to be the T2/T1 ratio and of this is true whether one or plural films is taught

in references should not be at issue.

Applicant in response is asked to point out claims that are not at issue, stand 15.

or fall with decision a to claims 1,2.

Any inquiry concerning this communication should be directed to Neil Abrams at

telephone number 571-272-2089

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